



INTERNATIONAL UNION  
OF RAILWAYS

| <b>JOB DESCRIPTION</b>             |   |
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| Position                           | Telecom Engineering   |
| <b>IDENTITY OF THE EMPLOYEE</b>    |   |
| Job Title                          | Telecom Senior Advisor  |
| Seniority                          | At least 15 years of work experience in the railways signalling area  |
| Position in the organisation chart | Rail System Department  |
| <b>MAIN DUTIES</b>                 |   |
| Main Duty                          | <ul style="list-style-type: none"> <li>○ Telecom project management</li> <li>○ Management of GSM-R and other Telecom experts groups</li> <li>○ Work on EU-projects (co-financing)</li> <li>○ Collaborate, on behalf of railways community, with International bodies dealing with telecom.</li> </ul>   |
| Activities                         | <ul style="list-style-type: none"> <li>○ Support the expert groups on Telecom.</li> <li>○ Maintain and overview of progress of the Sector, with responsibility for budgets update.</li> <li>○ Participation in projects and working groups and provide the necessary support for their accomplishment.</li> <li>○ Assist in the UIC world activities through the regional structures.</li> <li>○ Support the UIC activities in the EU-Funded Collaborative R&amp;D Projects.</li> <li>○ Contribute to the improvement of the RSD work programme: preparation of new project proposals defining priorities and strategies, objectives, organisation, planning of schedules, tasks and deliverables.</li> <li>○ Maintenance of UIC documents (Eirene docs, leaflets , IRS , etc.)</li> <li>○ Interaction with other UIC departments.</li> </ul> |
| Technical areas of activities      | Railways Telecom sub-system, including: fixed network structure and routing, interfacing ETCS and other modern train control system, maintenance and updating/upgrading GSM-R network, etc., cyber security on open networks, Telecom International Standards and Organisations (CEPT, ETSI, IEC, ITU,)   |

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| Job specificities                             | <ul style="list-style-type: none"> <li>○ High level of autonomy and responsibility and personal initiative</li> <li>○ Frequent travels, in Europe and abroad</li> <li>○ Work in direct connexion with the RSF Department director , CCS Sector Coordinator and with the Sector chairmen</li> </ul>   |
| <b>SKILLS REQUIRED FOR THE POSITION</b>       |  |
| Professional Knowledge and qualities required | <ul style="list-style-type: none"> <li>○ University studies in Electronic / Telecommunication Engineering (Master degree- BAC+5)</li> <li>○ Thorough knowledge of Public Telecoms sector</li> <li>○ Sufficient knowledge of Railway sector</li> <li>○ Professional experience acquired in positions related to the profile of the post in Railways Companies, regulatory bodies, or Tlc Network Operators.</li> <li>○ Good knowledge and experienced in managing projects and elaborating proposals for different calls.</li> <li>○ High degree of organisational skills.</li> <li>○ Motivated, dynamic personality with strong aptitude for team work.</li> </ul> |
| Languages                                     | <ul style="list-style-type: none"> <li>○ Previous experience within an international and multicultural environment is a plus.</li> <li>○ Fluent in English (spoken and written)</li> <li>○ A second language (French or German) is a plus.</li> </ul>  |